

APPENDIX 21. Actions Taxonomy: World Conservation Union – Conservation Measures Partnership classification of direct threats to biodiversity (version 2.0).

Because this Conservation Actions taxonomy was developed to be inclusive of all types of conservation across the globe, some actions listed below may not be particularly relevant to Implementation of this Plan, and inclusion here does not imply that this Plan recommends or supports undertaking any of the following actions. Recommended actions are listed in Chapter 6 on pages 4-18, with a cross-walk to the actions taxonomy presented in this Appendix. The purpose of providing the taxonomy is to provide an organizational framework by which conservation efforts can be presented across species groups or ecosystem types, across entities, and across states and regions.

Conservation Actions	Definition
A. Target Restoration/Stress Reduction Actions	Actions to directly restore a target or mitigate a stress
1. Land/Water Management	Actions directed at conserving or restoring sites, ecosystems and the wider environment
1.1 Site/Area Stewardship	Enhancing viability/mitigating stresses for sites and/or ecosystem targets
1.2 Ecosystem & Natural Processes (Re)Creation	Restoring missing or severely degraded ecosystems and ecosystem function, especially on a large scale
2. Species Management	Actions directed at conserving or restoring specific species
2.1 Species Stewardship	Enhancing viability/mitigating stresses to specific species targets within their current range
2.2 Species Re-Introduction & Translocation	Re-introducing species to places where they formerly occurred or to suitable future habitat or benign introductions of species to an ecosystem
2.3 Ex-Situ Conservation	Protecting biodiversity out of its native habitats with the aim of ultimately restoring it to these habitats
B. Behavioral Change / Threat Reduction Actions	Actions to get people to stop direct threats or continue/increase positive behaviors
3. Awareness Raising	Actions designed to make people aware of key issues, thus leading to behavior change
3.1 Outreach & Communications	Promoting desired behavioral change by providing information through various media and other channels
3.2 Protests & Civil Disobedience	Promoting desired behavioral change by conducting protests or other confrontational means
4. Law Enforcement & Prosecution	Monitoring and enforcing compliance with existing laws, policies & regulations, and standards & codes at all levels
4.1 Detection & Arrest	Detecting and/or directly stopping violations of existing laws, policies/regulations and standards/legal codes
4.2 Criminal Prosecution & Conviction	Ensuring sanctions for violations of existing laws, policies/regulations and standards/legal codes
4.3 Non-criminal Compliance Enforcement	Threatening or bringing non-criminal legal action to get individuals, organizations, or firms to change behavior

Conservation Actions	Definition
5. Livelihood, Economic & Moral Incentives	Actions using livelihood, economic and moral incentives to directly influence behavior or to change attitudes that then lead to behavioral change
5.1 Linked Enterprises & Livelihoods	Developing enterprises that directly depend on the maintenance of natural resources or provide substitute livelihoods as a means of changing behaviors or attitudes
5.2 Substitution & Alternative Livelihoods	Promoting alternative products and services that substitute for environmentally damaging ones
5.3 Market Forces	Using market mechanisms to change behaviors and attitudes
5.4 Valuation of / Payments for Ecosystem Services	Using direct or indirect payments for ascribing economic value to change behaviors and attitudes
5.5 Non-Monetary Values	Using intangible and moral values to change behaviors and attitudes
C. Enabling Condition Actions	Actions that create the conditions necessary for other conservation efforts to succeed
6. Conservation Design & Planning	Actions to legally or formally protect sites and/or species
6.1 Site/Area Protection	Legally or formally establishing or expanding public or private parks, reserves, and other protected areas roughly equivalent to IUCN Categories I-VI*
6.2 Easements & Resource Rights	Legally or formally establishing protection or easements of some specific aspect of the resource on private lands outside of IUCN Categories I-VI
6.3 Land/Water Use Planning & Zoning	Legally or formally designating land or water uses
6.4 Site/Area Planning & Monitoring	General planning and monitoring of public or private parks, reserves and other protected areas roughly equivalent to IUCN Categories I-VI*
6.5 Site Infrastructure	Creating and maintaining the physical infrastructure for protected areas and other conservation sites
6.6 Species Designation, Planning & Monitoring	General designation and management of specific plant and animal populations of concern
7. Law & Policy	Actions to develop, change, and influence formal legislation, regulations, and voluntary standards
7.1 Legislation	Making, implementing, changing, influencing, or providing input into formal government sector legislation at all levels: international, national, state/provincial, municipal, tribal
7.2 Policies & Regulations	Making, implementing, changing, influencing, or providing input into policies and regulations affecting the implementation of laws and codes at all levels: international, national, state/provincial, municipal, tribal private
7.3 Private Sector Standards & Codes	Setting, implementing, changing, influencing, or providing input into voluntary standards & professional codes that govern private sector practice
7.4 Compliance & Enforcement Capacity	Monitoring and enforcing compliance with laws, policies & regulations, and standards & codes at all levels
8. Research & Monitoring	Basic and applied research to support conservation work
8.1 Basic Research & Status Monitoring	Basic research related to conservation

Conservation Actions	Definition
8.2 Effectiveness Monitoring / Adaptive Management	Assessment of and learning about the effectiveness of strategies
9. Education & Training	Enhancing knowledge and skills of specific individuals
9.1 Formal Education	Enhancing knowledge and skills of students in a formal degree program
9.2 Training & Capacity Development	Enhancing knowledge, skills and information exchange for practitioners, stakeholders, and other relevant individuals in structured settings outside of degree programs
10. Institutional Development	Creating the institutions needed to support conservation work
10.1 Organizational Management & Administration	Doing the work needed to establish and operate conservation organizations and agencies
10.2 Institutional & Civil Society Development	Creating or providing non-financial support & capacity building for non-profits, government agencies, communities, and for-profits
10.3 Alliance & Partnership Development	Forming and facilitating partnerships, alliances, and networks of organizations
10.4 Financing Conservation	Raising and providing funds for conservation work

* IUCN Protected Areas Categories System: IUCN protected area management categories classify protected areas according to their management objectives. For more information, visit:

http://www.iucn.org/about/work/programmes/gpap_home/gpap_quality/gpap_pacategories/

Category Ia: Strict Nature Reserve
Category Ib: Wilderness Area
Category II: National Park
Category III: Natural Monument or Feature
Category IV: Habitat/Species Management Area
Category V: Protected Landscape/Seascape
Category VI: Protected area with sustainable use of natural resources